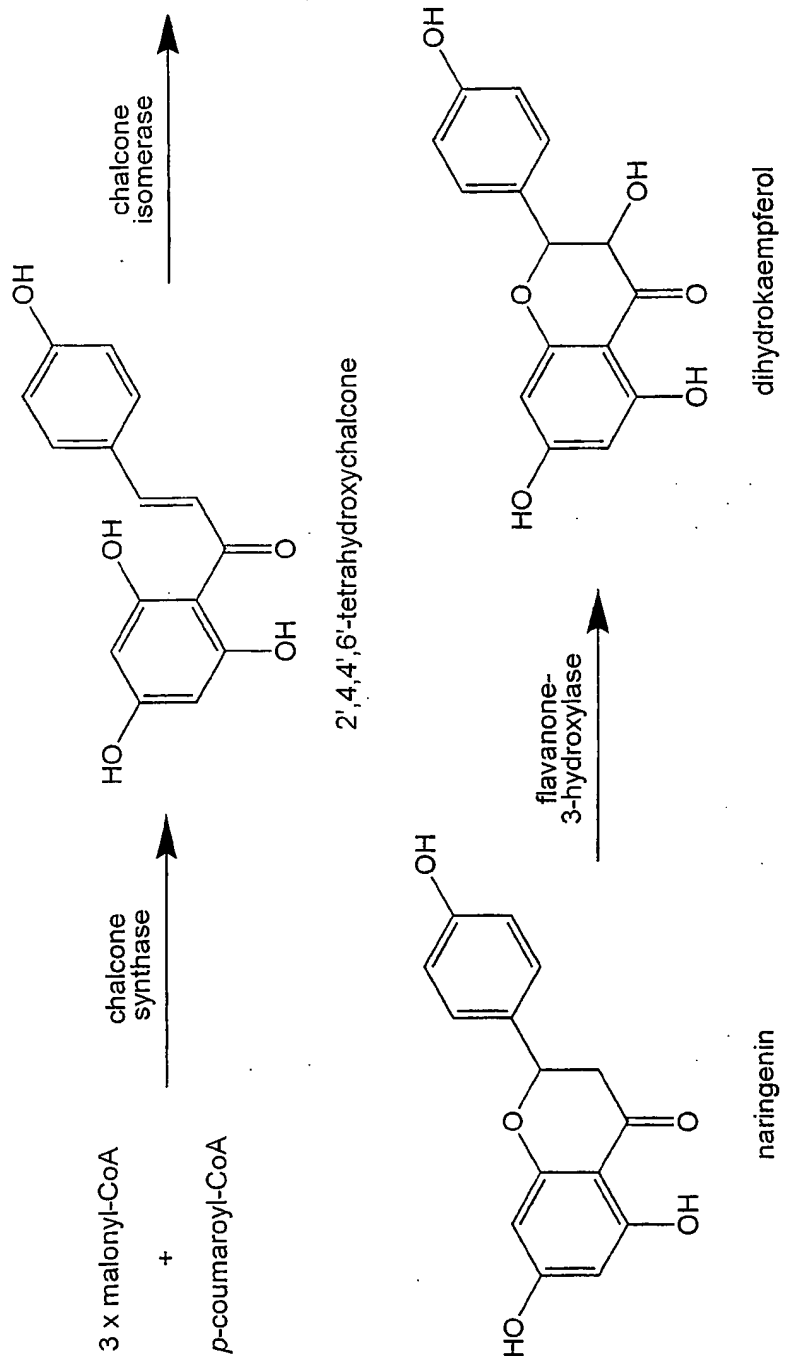


Figure 1A



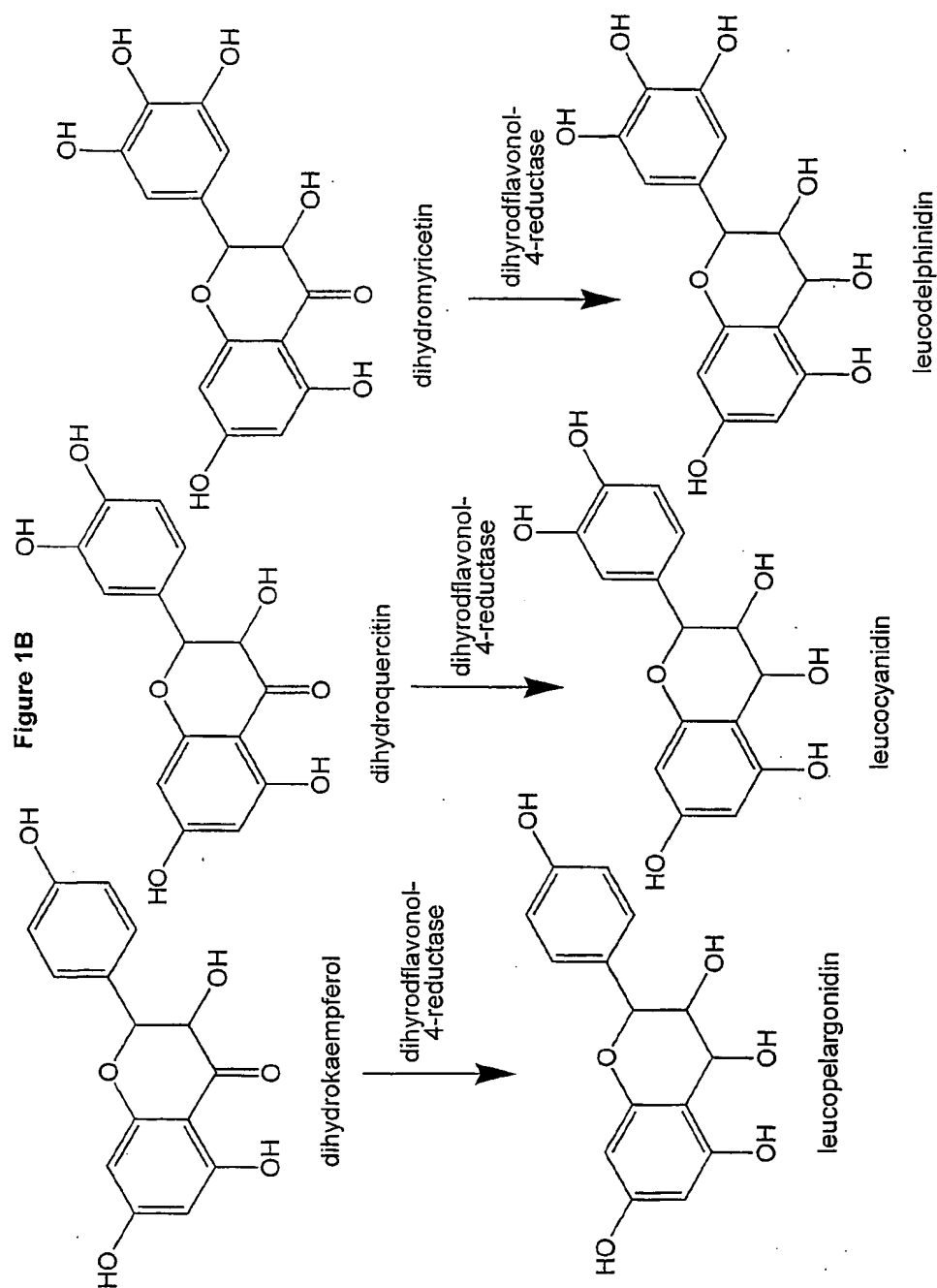




Figure 2B

SEQ ID NO: 4	190	200	210	220	230	240	227
SEQ ID NO: 6	AWKFAKEHGMDF	AI	PA	LV	IG	PF	227
SEQ ID NO: 8	AWKFAKEHGMDF	AI	PA	LV	IG	PF	156
SEQ ID NO: 17	AWKFAKEHGMDF	AI	PA	LV	IG	PF	227
SEQ ID NO: 18	AWKFAKEHGMDF	AI	PA	LV	IG	PF	239
	250	260	270	280	290	300	
SEQ ID NO: 4	-FVHIEDICLAH	IF	FE	QPKA	EGRYICS	ACDVT	286
SEQ ID NO: 6	-FVHIEDICLAH	IF	FE	QPKA	EGRYICS	ACDVT	286
SEQ ID NO: 8	SITHVEDICRAQ	IF	VAE	KE	SASGRYIC	CAHNTSV	216
SEQ ID NO: 17	-FVHLDLCLAH	IF	FE	EE	VE	EGRYICS	286
SEQ ID NO: 18	SFVHVDDLARAH	FL	AE	KE	TASGRYIC	CAYN	299
	310	320	330	340	350	360	
SEQ ID NO: 4	LEPVRFSKKIT	DL	GF	QFKY	SLEDMY	TGAIDTC	337
SEQ ID NO: 6	LEPVRFSKKIT	DL	GF	QFKY	SLEDMY	TGAIDTC	337
SEQ ID NO: 8	-AKLIISSEKLV	KEGFS	KY	GIEE	IYDQ	LEYL	255
SEQ ID NO: 17	LELVRFSKKIT	DL	GF	QFKY	SLEDMY	TGAIDTC	345
SEQ ID NO: 18	-PKLTLSSQKLI	NE	GF	YGIN	MYDQ	MI	340

Figure 2C

SEQ ID NO: 4	--	339
SEQ ID NO: 6	--	339
SEQ ID NO: 8	HK	256
SEQ ID NO: 17	-N	347
SEQ ID NO: 18	HK	342
SEQ ID NO: 18	ES	

Figure 3A

SEQ ID NO:12	M-DGNKGPVVVTGASGFVGSWLVMLKLLQVGYTVRATVRDPANVEKNKPLLELPGAKERLS	59
SEQ ID NO:14	MANTSKGKVCVTGASGFVASWLVKRLLESGYHVLGTVRDPGNQKKVAHLWNLAGEGLE	60
SEQ ID NO:16	M-DGSKGPVVVTGASGFVGSWLVMLKLLQAGYTVRATVRDPANVEKNKPLLELPGAKERLS	59
SEQ ID NO:19	M-DGNKGPVVVTGASGFVGSWLVMLKLLQAGYTVRATVRDPANVEKTKPLLELPGAKERLS	59
SEQ ID NO:20	MVISSKGKVCVTGASGFVASWLVKRLLEAGYHVIGTVRDPNSREKVSHLWRLPSAKERLQ	60
SEQ ID NO:12	IWKADLSEGSFDDAIAAGCTGVFHVATPMDFDSQDP-ENEVIKPTVEGMLSINRACKEAG	118
SEQ ID NO:14	LVRADLLEGSFDDAVMACGVEFHTASPIITNADS--KEEMLDSAINGTLNVLRSCKKNP	118
SEQ ID NO:16	IWKADLSEGSFDDAIAAGCTGVFHVATPMDFDSKDP-ENEVIKPTVEGMLSINRACKEAG	118
SEQ ID NO:19	IWKADLSEDSFNEAIAAGCTGVFHVATPMDFDSQDP-ENEVIKPTVEGMLSINRACKEAG	118
SEQ ID NO:20	LVRADLMEGSFDDAVMACGVEFHTASPVLAKSDSNCKEEMLVPAINGTLNVLKSCCKNP	120
SEQ ID NO:12	TVKRIVFTSSAGSVNIEE----RQRPAYDQDNWSDIDFCRRVKMTGWMYFVSKSLAEKAA	174
SEQ ID NO:14	FLKRVVLTSSSSTMRLRDEAEFPNVLIDETSWSSVEFCESIQI--W-YAVAKILAEKSA	175
SEQ ID NO:16	TVKRIVFTSSAGSVNIEE----RQRPAYDQDNWSDIDFCRRVKMTGWMYFVSKSLAEKAA	174
SEQ ID NO:19	TVKRIVFTSSAGSVNIEE----RPRPAYDQDNWSDIDYCRRVKMTGWMYFVSKALAEKAA	174
SEQ ID NO:20	FLKRVVLTSSSSTVRIMDESK-HPEISLDETIWSSVALCEKIQI--W-YALAKISAEKAA	176

Figure 3B

SEQ ID NO:12	MEYASENGLDFISIIPTLVVGPFLSAGMPPSLVLTALALITGNEAHYSILKQVQLVHLLDDL	234
SEQ ID NO:14	WEFAKENNIDLVAVLPTFIIGPNLSPVLGPTASDVGLFKGETEKFTIFGRMGYVHIDDV	235
SEQ ID NO:16	MEYASENGLDFISIIPTLVVGPFLSAGMPPSLVLTALALITGNEAHYSILKQVQLVHLLDDL	234
SEQ ID NO:19	MEYASENGLDFISIIPTLVVGPFLSAGMPPSLVLTALALITGNEAHYSILKQVQLVHLLDDL	234
SEQ ID NO:20	WEFAKENNIDLVTVLPSFVIGPSLSHLSVTSASDILGLLQGTDRFISYGRMGYVHIDDV	236
SEQ ID NO:12	CDAMTFLFEHPEANGRYICSSHDATIHGLARMLRDRFPEYSIPQKFAGVDDDLQPIHFSS	294
SEQ ID NO:14	ASCHILVYETADAKGRYICNSAVLDSNELVALLAKRFPSFPKSLPNIYGE-QTYGYNT	294
SEQ ID NO:16	CDAMTFLFEHPEANGRYICSSHDATIHGLARMLRDRFPEYSIPHKFAGVDDDLQPIHFSS	294
SEQ ID NO:19	CDAMTFLFEHPEANGRYICSSHDATIHGLARMLQDRFPEYDIPQKFAGVDDNLQPIHFSS	294
SEQ ID NO:20	ASCHILVYEAPQATGRYLCNSVVLNNELVALLAKQFPPIPRSLRNPYEK-QSYELNT	295
SEQ ID NO:12	KKLLDHGFSFRYTAEDMFDAAIRTCREKGLIPLGDAPPAAGGKLGALAAGEGQAIGAET	354
SEQ ID NO:14	SKIRKLGLEFR-GVEEMFDDSVESILKAHGYL-----REGAA	329
SEQ ID NO:16	KKLLDHGFSFRYTAEDMFDAAIRTCREKGLIPLGDAPAPAAAGKLGALAAGKQAIGAET	354
SEQ ID NO:19	KKLLDHGFSFRYTTEDMFDAAIHTCRDKGLIPLGDVPAPAAAGKLGALAAGEGQAIGAET	354
SEQ ID NO:20	SKIQQLGFKFK-GVQEMFGDCVESLKDQGH-----LECPL	330

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